Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS

NAME: US Department of Interior Bureau of Reclamation

ADDRESS: 826 E FRONT STREET, SUITE A

PORT ANGELES, WA. 98362-3613

FACILITY: ELWHA WATER TREATMENT PLANT

LOCATION: Elwha River/ Lat: 48°10'10"N./Long:123°33'7"W

ATTN: DAVID F ADKINS, USBR CIVIL ENG

WA-0026662 PERMIT NUMBER

*001 A DISCHARGE NUMBER

Γ			MONI	TORING PE	ERIOD		
From	Year	Mo	Day	1227	Year	Мо	Day
Γ	2015	3	1	10	2015	3	31

Minor (SUBR SW) F-Final Sliurry Discharge Effluent Sedimentation Plant (non-wastewater)

APR 1 0 2015

OFFICE OF COLUMN THE * I SEE UNDERSTATE

PARAMETER		QUANT	TITY OR LOADING			QUALITY OR COM		NO. EX	FREQUENCY OF	SAMPL		
		Average Monthly	Maximum Daily	UNITS	Minimum	Average Monthly	Maximum Daily	UNITS	NO. EX	ANALYSIS	TYPE	
Water Temperature	Sample Measurement	****	*****		*****	6.6	8.4	Deg. C	0	Daily	Grab	
Effluent 00010 1 0 0	Permit Requirement	外水水用水水	*****		*****	Report	Report	Deg. 0	*****	5/Week	Grab	
Water Temperature	Sample Measurement	*****	*****		*****	6.4	7.9	Deg. C	0	Daily	Grab	
Influent 00010 7 0 0	Permit Requirement	*****	*****		*****	Report	Report	Deg. C	*****	5/Week	Grab	
Flow Rate	Sample Measurement	4.1	5.8		******	****	*****		0	Continous	Record	
Effluent 00056 1 0 0	Permit Requirement	Report	Report	CFS	*****	*****	****		*****	Continous	Record	
Flow Rate	Sample Measurement	26.6	30.6		*****	*****	*****		0	Continous	Record	
Influent 00056 7 0 0	Permit Requirement	Report	Report	CFS	*****	Anton	****		****	Continous	Record	
Turbidity	Sample bidity Measurement		*****		*****	49.1	340.0	NTU	0	Continuous	recordi	
Influent 00070 7 0 0	Permit Requirement	*****	*****		*****	Report	Report	NIO	*****	Continous	Record	
Total Suspended Solids Daily Average Influent Turbidity > 50 NTU	Sample Measurement	17,977	39,558	Lb/Day	****	126.3	294.5	mg/L	0	Daily	24-Hr Compos	
Influent 00150 P 0 0 See Comments Below	Permit Requirement	Report	See I.B.3 & I.B.4	LU/Day	*****	Report	Report	mg/L	*****	Daily	24-Hr Compos	
Dissolved Oxygen	Sample Measurement	****	*****		*****	11.4	12.8	mail	0	Daily	Grab	
Influent 00300 7 0 0	Permit Requirement	*****	*****		Report	Report	Report	mg/L	*****	1/Month	Grab	
NAME/TITLE PRINCIPAL EXECUTIVE OFFIC		ty of law that this document and coordance with a system designed						TELE	PHONE	D	DATE	
Mike Greene, Veolia EWF Project Manage	and evaluate the ir	formation submitted. Based on n use persons directly responsible	ny inquiry of the person or perso	sgamm of week	Michi	A form	- 0	503	582-96	55 2015	4	
TYPED OR PRINTED Mike Greene		e best of my knowledge and belig at penalties for submitting false i imprisonment for kn	nformation, including the possil		100	OF PRINCIPAL EXECUTI AUTHORIZED AGENT		Area Code	Numb	er Year	Mio D	

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*001 A
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NAME:

US Department of Interior Bureau of Reclamation

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826 E FRONT STREET, SUITE A PORT ANGELES, WA. 98362-3613

FACILITY:

ELWHA WATER TREATMENT PLANT

LOCATION:

Elwha River/ Lat: 48°10'10"N./Long:123°33'7"W

ATTN:

DAVID F ADKINS, USBR CIVIL ENG

PERIOD	MONITORING
--------	------------

From Year Mo Day 2015 3 1

To Year Mo Day 2015 3 31

Sedimentation Plant (non-wastewater)

PARAMETER		QUANT	TTY OR LOADING			QUALITY O	R CONCENTRATI	ION	NO. EX	FREQUENCY OF	1070000	MPLE
		Average Monthly	Maximum Daily	UNITS	Minimum	Average Monthly	Maximum Daily	y UNITS		ANALYSIS	T	TYPE
BOD, 5-Day	Sample Measurement	****	*****		*****	0.0	0.0	mg/L	0	1/ Month	C	Comp
Effluent 00310 1 0 0	Permit Requirement	RAFARA	******		*****	Report	Report	lilg/c	*****	1/ Month	100000000000000000000000000000000000000	4- Hr nposit
РН	Sample Measurement	*****	*****		*****	7.6	7.8	su	0	Daily	G	Grab
Effluent 00400 1 0 0	Permit Requirement	*****	******		*****	6.5 - 8.5	8.5	30	*****	5/Week	G	Grab
РН	Sample Measurement	*****	*****		*****	7.7	7.9	su	0	Daily	G	Grab
Influent 00400 7 0 0	Permit Requirement	*****	*****		*****	6.5 - 8.5	8.5		*****	5/Week	G	Grab
Total Alkalinity (As CAC03)	Sample Measurement	*****	*****		*****	42.9	50.0	mg/L as	0	Daily	C	omp
Effluent 00410 1 0 0	Permit Requirement	*****	RENREN		****	Report	Report	CaCo ₃	*****	1/Month	24-H	Ir Co
Total Solids Suspended Effluent 00530 0 0 0	Sample Measurement	24,226	50,869		*****	1,077	2,293	mg/L	0	Daily	24-H	Hr Con
Daily Average Influent Turbidity > 50 NTU See Comments Below	Permit Requirement	169,091	480,723	Lb/Day	*****	Report	Report	iligic	*****	Daily	200	4- Hr
Total Suspended Solids Effluent 00530 P 0 0	Sample Measurement	6	21	#/CFS	*****	407	2130	mg/L	0	Daily	C	Comp
Daily Average Influent Turbidity < 50 NTU See Comments Below	Permit Requirement	Report	22	River	*****	Report	Report	iligit	*****	Daily	100-100	4- Hr nposi
NAME/TITLE PRINCIPAL EXECUTIVE OFFIC		by of law that this document and cordence with a system designed				1		TELES	PHONE		DATE	
Mike Greene, Veolia EWF Project Manage	and evaluate the ir the system, or the	nformation submitted. Based on a nose persons directly responsible	ny inquiry of the person or perso for gathering the information, the	ons who manage ic information	Make	*		503	582-965	5 2015	4	
		nt penalties for submitting false i	belief, true, accurate, and complete. I am aware that also information, including the possibility of fine and for knowing violations. SIGNA			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			NUMBE	R Year	Мо	Da

N/A: There were no days in December when influent turbididty was less than 50 NTU.

EPA Form 3320-1 (Rev.01/06) Previous editions may be used.

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Form Approved

OMB No. 2040-0004

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NAME: US Department of Interior Bureau of Reclamation

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PORT ANGELES, WA. 98362-3613

FACILITY: ELWHA WATER TREATMENT PLANT LOCATION: Elwha River/ Lat: 48°10'10"N./Long:123'

LOCATION: Elwha River/ Lat: 48°10'10"N./Long:123°33'7"W
ATTN: DAVID F ADKINS, USBR CIVIL ENG

WA-0026662 PERMIT NUMBER *001 A DISCHARGE NUMBER

Sedimentation Plant (non-wastewater)

APR 1 0 2015

e nent lirement e nent lirement lirement	Average Monthly 327 Report	1,983 Report	UNITS Lb/CFS River	Minimum	Average Monthly 61	Maximum Dail	y UNITS mg/L	NO. EX	ANALYSIS	С	Comp
nent irement e nent irement	Report	Report	AND STREET STREET	Samo		7.	mg/L		Daily		omp
e nent irement			River	*****	Panart	The second second		The second second			
nent irement	*****	*****			Report	Report		*****	Daily	The Part of the Pa	24-Hr nposit
		PROTOS.		*****	6.0	6.0	1/1	0	1/Month		omp
	*****	*****		*****	Report	Report	ml/L	*****	1/Month	2000	24-Hr nposit
e nent	*****	*****		******	0	0		0	1/Month	С	omp
irement	*****	*****		*****	Report	Report	ml/L	*****	1/Month	1200000000	24-Hr nposit
e nent	3.8	105.8	11.000.000	*****	4.9	4.9	THADADA S	0	1/Month	Comp	
irement	Report	Report	Ib/Day	****	Report	Report	mg/L	*****	1/Month	Samuel Control	24-Hr nposit
e nent	0.0	0.0	Ib/Day	*****	0.0	0.0	mall	0	1/Month	Comp	
irement	Report	Report		*****	Report	Report	Ingr	*****	1/Month	24-Hr Composite	
e nent	****	*****		*****	3	4		0	10/ Month	0	Grab
irement	*****	*****		nesses	Report	Report	#/100 ML	*****	10/ Month	(Grab
e nent	*****	*****		*****	0	0		0	10/ Month	0	Grab
irement	*****	*****		*****	Report	Report	#/100 ML	*****	10/ Month	0	Grab
				atth			TELEP	HONE		DATE	
evaluate the infe	ormation submitted, Based on m	ry inquiry of the person or perso	ons who manage	Miles	1		503	582-9655	2015	4	5
	t penalties for submitting false in	nformation, including the possib		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			AREA Code	NUMBER	Year	Мо	Day
Colored H. Salar and Salar											
	e nent irement e nent irement e nent irement e nent irement fy under penalt rement e system, or the mitted is, to the	e 3.8 irement Report e 0.0 irement Report e 0.0 irement Report e nent rement Report e nent rement Report fy under pensity of law that this document and a revision in accordance with a system designed tevaluate the information submitted. Based on me asystem, or those persons directly responsible finited is, to the best of my knowledge and belief or are significant penalities for winduring false in a reare significant penalities for knowledge in the care significant penalities for knowledge and belief or are significant penalities for knowledge in the care significant penalities for knowledge in the care significant penalities for knowledge in the care significant penalities for knowledge and belief or are significant penalities for knowledge in the care	rement Report Report e	e anent 3.8 105.8 Ib/Day irement Report Report e 0.0 0.0 Ib/Day Irement Report Report e nent Report Report e nent Report Report fy under penalty of law that this document and all attachments were prepared under my direction rervision in accordance with a system designed to assure that qualified personnel properly gather evaluate the information submitted. Based on my inquiry of the person or persons who manage system, or those persons directly responsible for gathering the information, the information mitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that we are significant penalties for withouting false information, the information mitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that we are significant penalties for withouting false information, the information imprisonment for knowing violations.	rement Report Report 6 0.0 0.0 Ib/Day rement Report Report 6 0.0 0.0 Ib/Day rement Report Report 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	rement Report Report Signature Signatu	irement Report R	le nent 3.8 105.8 Ib/Day Meport Report R	Be nent 3.8 105.8 Ib/Day	Report Re	Report Report 1/Month Con 1/Month Con

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WA-0026662 PERMIT NUMBER *001 A DISCHARGE NUMBER

Sedimentation Plant (non-wastewater)

R 1 0 2015

PARAMETER		QUANT	TITY OR LOADING			QUALITY OR CO	NO. EX	FREQUENCY OF	SA	MPLE		
		Average Monthly	Maximum Daily	UNITS	Minimum	Average Monthly	Maximum Daily	UNITS	NO. EX	ANALYSIS	Т	YPE
Total Dissolved Solids	Sample Measurement	*****	*****		*****	55.0	55.0	mg/L	0	4/Month	С	omp
Effluent 70295 1 0 0	Permit Requirement	******	*****		****	Report	Report	lligit	*****	1/Month		24-Hr nposite
Total Dissolved Solids	Sample Measurement	(******)	*****		*****	28.0	28.0	mg/L	0	4/Month	С	omp
Influent 70295 7 0 0	Permit Requirement	*****	****		*****	Report	Report	mg/L	*****	1/Month	VAN	4-Hr nposite
								-			-	
											+	
								-			-	
NAME/TITLE PRINCIPAL EXECUTIVE OFFI	CER or supervision in ac	cordance with a system designed	to assure that qualified personn	ents were prepared under my direction nat qualified personnel properly gather					TELEPHONE		DATE	
Mike Greene, Veolia EWF Project Manag	er the system, or the	nformation submitted. Hased on t hose persons directly responsible	for gathering the information, th	e information (11/1/11	7	503	582-9655	2015	4	5	
		the best of my knowledge and belief, true, accurate, and complete. I am aware that cant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT AREA CO				NUMBER	Year	Мо	Day
Mike Greene		Harding the Grant Co. Sans.	Maria de la Carlo de la Car	Variable into because of	Control of the Section of the Control	en for evenesia noncomo sa nonco						
		COMMENTS A	ND EXPLANATION OF	ANY VIOLAT	IONS (Referenc	e all attachments here)						

Page 4 of 4

ELWHA_MARCH- 2015 - WA-002666-2 **INFLUENT TURBIDITY ABOVE 50 NTU**

Day	Influent Turbidity - 13	Flow, Dail Ca	A Conference of the Conference	flow/daily, at outfall 3078	flow/daily at outfall cal	River Flow - 1	TSS Influent - 8	TSS Influent Mass_Calc	TSS Effluent 5002	TSS Effluent Mass_Calc	Mass NTE Limit_calc
	NTU	MGD	CFS	MGD	CFS	CFS	mg/L	Lbs/Day	mg/L	Lbs/Day	lbs/day
3/15/2015	116.0	14.96	23.14	2.64	4.08	1830	171.0	21,331	1151.0	25,342	173,104
3/16/2015	70.4	14.50	22.43	2.64	4.08	1510	84.0	10,155	607.0	13,365	70,518
3/20/2015	91.0	16.11	24.92	2.62	4.05	2380	294.5	39,558	1742.0	38,064	385,535
3/21/2015	340.0	17.70	27.38	2.66	4.12	4020	219.0	32,319	2293.0	50,869	480,723
3/22/2015	117.0	19.64	30.39	2.66	4.12	2570	138.0	22,603	2164.0	48,007	194,868
3/23/2015	67.5	17.86	27.64	2.63	4.07	2090	92.4	13,764	721.0	15,815	106,501
3/24/2015	50.2	16.98	26.27	3.72	5.76	1760	68.0	9,630	507.0	15,730	66,937
3/26/2015	59.5	19.41	30.03	2.66	4.12	2100	73.5	11,898	646.0	14,331	85,134
3/27/2015	57.9	16.47	25.48	2.64	4.08	1770	59.2	8,130	410.0	9,027	58,010
3/28/2015	52.6	19.77	30.58	2.68	4.15	2000	63.0	10,385	524.0	11,712	69,581
DAILY MAX	340.0	19.8	30.6	3.7	5.8	4,020.0	294.5	39,558.4	2,293.0	50,868.8	480,723.4
AVERAGE	102.2	17.3	26.8	2.8	4.3	2,203.0	126.3	17,977.4	1,076.5	24,226.1	169,091.1

Mike Greene March 5, 2015



April 6, 2015

RECEIVED

APR 1 0 2015

U.S. EFA REGION 10

Office of Compliance and Enforcement

US EPA Region 10 Director, Office of Compliance & Enforcement 1200 Sixth Avenue, OCE-133 Seattle, Washington 98101

RE: NPDES # WA-002666-2, MONTHLY REPORT – MARCH 2015- ELWHA WATER TREATMENT PLANT

Attn: PCS Data Entry Team

Enclosed the monthly Discharge Monitoring Report (DMR) for the Elwha Water Treatment Plant (Port Angeles, WA) for the month of March, 2015. The report is submitted by Veolia Water North America (VWNA) Operating Services on behalf of the US Department of Interior, Bureau of Reclamation. A copy of the report has been submitted to the Washington DOE.

Please contact me if there are any questions or comments regarding the monthly report.

Sincerely,

Michael S Greene

EWF Veolia Project Manager

CC:

Tracy Gilchrist, NPS Sephora Harman, VNA

Enclosures:

DMR, EPA Form 3320-1 (4 pages)

Table of values & mass limits for turbidity ≥50 NTU